

I CLAIM:

1. A heat dissipating device, comprising:

a plurality of heat dissipating plates, each having a stack plate portion and at least one fin plate portion that extends integrally from said stack plate portion, said stack plate portions of said heat dissipating plates being in close contact with one another and cooperatively forming a stack part with a flat contact face adapted to be placed on a heat generating article, said fin plate portions of said heat dissipating plates being bent from said stack plate portions to extend divergingly away from said stack part, said fin plate portions having confronting surfaces which diverge away from one another.

2. The heat dissipating device as claimed in Claim 1, wherein each of said dissipating plates has a pair of said fin plate portions which extend from said stack plate portion in opposite directions.

3. The heat dissipating device as claimed in Claim 2, wherein each of said fin plate portions has an area greater than that of said stack plate portion.

4. The heat dissipating device as claimed in Claim 2, wherein said stack plate portion has a bottom edge to form said contact face, a top edge that is opposite to said bottom edge, and two opposite side edges interconnecting said top and bottom edges and

having said fin plate portions extending therefrom,
each of said fin plate portions having a top edge
that is higher than said top edge of said stack plate
portion, a bottom edge, and an inclined edge
interconnecting said top edge of each of said fin
plate portions and said top edge of said stack plate
portion.

5. The heat dissipating device as claimed in Claim 4,
wherein said bottom edge of said stack plate portion
is higher than said bottom edge of each of said fin
plate portions.

6. The heat dissipating device as claimed in Claim 4,
wherein each of said heat dissipating plates has
a plurality of said fin plate portions which extend
respectively from said top edge and said side edges
of said stack plate portion.

7. The heat dissipating device as claimed in Claim 1,
wherein each of said dissipating plates has one of
said fin plate portions which extends from said
stack plate portion in a direction opposite to said
contact face.

8. The heat dissipating device as claimed in Claim 1,
wherein said fin plate portions of said heat
dissipating plates further have extension plate
portions extending therefrom opposite to said stack
part in a parallel relationship.

9. The heat dissipating device as claimed in Claim 1, wherein said fin plate portions have ventilation openings adjacent to said stack part.

10. The heat dissipating device as claimed in Claim 1, further comprising means for fastening said stack plate portions together.

11. A heat dissipating device, comprising:

a stack part having a contact face adapted to be placed on a heat generating article, and including a plurality of stack plate portions which are placed in close contact with one another and which extend transversely of said contact face; and

a plurality of fin plate portions extending divergently from said stack part and having confronting surfaces which diverge away from one another, at least every other one of said stack plate portions being connected to one of said fin plate portions, each of said fin plate portions being bent from a corresponding one of said stack plate portions.

12. The heat dissipating device as claimed in Claim 11, wherein all of said stack plate portions are connected respectively to said fin plate portions.

13. The heat dissipating device as claimed in Claim 11, wherein said stack plate portions are thicker than said fin plate portions.

14. The heat dissipating device as claimed in Claim 11, wherein said fin plate portions are perforated to form ventilation openings.

5 15. The heat dissipating device as claimed in Claim 14, wherein said ventilation openings are elongated along first directions substantially parallel to lines along which said fin plate portions are bent, said ventilation openings in each of said fin plate portions being aligned with
10 said ventilation openings in other ones of said fin plate portions.

16. The heat dissipating device as claimed in Claim 14, wherein each of said fin plate portions has one of said ventilation openings disposed adjacent
15 to said stack part.

17. The heat dissipating device as claimed in Claim 11, wherein said stack plate portions are arranged in parallel planes, said fin plate portions extending along planes inclined with said parallel
20 planes.

18. The heat dissipating device as claimed in Claim 11, wherein said fin plate portions further have extension plate portions which extend in parallel from said fin plate portions opposite to said stack
25 part.

19. The heat dissipating device as claimed in Claim 11, wherein each of said stack plate portions has a plurality of sides which are connected respectively to a plurality of said fin plate portions.

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